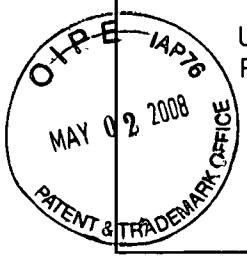


| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br>INFORMATION DISCLOSURE STATEMENT BY APPLICANT<br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | D356560 | 03/1995 | Kornfeld et al. | | | |
| | | 3,700,820 | 10/1972 | Blashalg et al. | | | |
| | | 3,761,610 | 09/1973 | Krallinger et al. | | | |
| | | 4,069,392 | 01/1978 | Goldenberg et al. | | | |
| | | 4,156,277 | 05/1979 | Seitz et al. | | | |
| | | 4,292,620 | 09/1981 | Eswaran et al. | | | |
| | | 4,320,513 | 03/1982 | Lampert | | | |
| | | 4,384,307 | 05/1983 | Kuzmik et al. | | | |
| | | 4,385,206 | 05/1983 | Bradshaw et al. | | | |
| | | 4,403,322 | 09/1983 | Kato et al. | | | |
| | | 4,425,665 | 01/1984 | Stauffer | | | |
| | | 4,458,314 | 07/1984 | Grimes | | | |
| | | 4,480,307 | 10/1984 | Budde et al. | | | |
| | | 4,570,220 | 02/1986 | Tetrick et al. | | | |
| | | 4,583,124 | 04/1986 | Touji et al. | | | |
| | | 4,608,700 | 08/1986 | Kirtley, Jr. et al. | | | |
| | | 4,630,126 | 12/1986 | Kaku et al. | | | |
| | | 4,646,232 | 02/1987 | Chang et al. | | | |
| | | 4,667,192 | 05/1987 | Schmid et al. | | | |
| | | 4,675,865 | 06/1987 | DeVries et al. | | | |
| | | 4,709,343 | 11/1987 | Van Chang | | | |
| | | 4,744,079 | 05/1988 | Csapo et al. | | | |
| | | 4,768,145 | 08/1988 | Wheelwright et al. | | | |
| | | 4,785,463 | 11/1988 | Janc et al. | | | |
| | | 4,802,180 | 01/1989 | Wedler | | | |
| | | 4,811,262 | 03/1989 | White | | | |
| | | 4,811,421 | 03/1989 | Havel et al. | | | |
| | | 4,862,402 | 08/1989 | Shah et al. | | | |
| | | 4,876,554 | 10/1989 | Tubbs | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 4,901,265 | 02/1990 | Korr et al. | | | |
| | | 4,901,307 | 02/1990 | Gilhousen et al. | | | |
| | | 4,905,177 | 02/1990 | Weaver, Jr., et al. | | | |
| | | 4,914,574 | 04/1990 | Terada et al. | | | |
| | | 4,926,130 | 05/1990 | Weaver | | | |
| | | 4,928,274 | 05/1990 | Gilhousen et al. | | | |
| | | 4,965,583 | 10/1990 | Gilmore | | | |
| | | 4,979,170 | 12/1990 | Gilhousen et al. | | | |
| | | 5,017,926 | 05/1991 | Amos et al. | | | |
| | | 5,021,891 | 06/1991 | Lee | | | |
| | | 5,022,024 | 06/1991 | Paneth et al. | | | |
| | | 5,022,049 | 06/1991 | Abrahamson et al. | | | |
| | | 5,027,366 | 06/1991 | Dattorro et al. | | | |
| | | 5,028,807 | 07/1991 | Gilmore | | | |
| | | 5,050,004 | 09/1991 | Morton, Jr. | | | |
| | | 5,056,109 | 10/1991 | Gilhousen et al. | | | |
| | | 5,081,643 | 01/1992 | Schilling | | | |
| | | 5,084,900 | 01/1992 | Taylor | | | |
| | | 5,093,840 | 03/1992 | Schilling | | | |
| | | 5,099,204 | 03/1992 | Wheatley, III | | | |
| | | 5,101,416 | 03/1992 | Fenton et al. | | | |
| | | 5,101,501 | 03/1992 | Gilhousen et al. | | | |
| | | 5,103,459 | 04/1992 | Gilhousen et al. | | | |
| | | 5,105,423 | 04/1992 | Tanaka et al. | | | |
| | | 5,107,225 | 04/1992 | Wheatley, III et al. | | | |
| | | 5,107,345 | 04/1992 | Lee | | | |
| | | 5,109,390 | 04/1992 | Gilhousen et al. | | | |
| | | 5,113,525 | 05/1992 | Andoh | | | |
| | | 5,115,429 | 05/1992 | Hluchyj et al. | | | |
| | | 5,117,385 | 05/1992 | Gee | | | |

| EXAMINER | DATE CONSIDERED |
|---|---|
| /Young Tse/ | 09/02/2008 |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 5,126,748 | 06/1992 | Ames et al. | | | |
| | | 5,128,623 | 07/1992 | Gilmore | | | |
| | | 5,140,613 | 08/1992 | Birgenheier et al. | | | |
| | | 5,142,278 | 8/1992 | Moallemi et al. | | | |
| | | 5,159,283 | 10/1992 | Jensen | | | |
| | | 5,159,551 | 10/1992 | Brunnett et al. | | | |
| | | 5,161,168 | 11/1992 | Schilling | | | |
| | | 5,166,929 | 11/1992 | Lo | | | |
| | | 5,166,951 | 11/1992 | Schilling | | | |
| | | 5,166,952 | 11/1992 | Omura et al. | | | |
| | | 5,179,571 | 01/1993 | Schilling | | | |
| | | 5,170,572 | 01/1993 | Schilling | | | |
| | | 5,193,094 | 03/1993 | Viterbi | | | |
| | | 5,199,061 | 03/1993 | Kim | | | |
| | | 5,204,876 | 04/1993 | Brackert et al. | | | |
| | | 5,210,771 | 05/1993 | Schaeffer et al. | | | |
| | | 5,216,692 | 06/1993 | Ling | | | |
| | | 5,224,120 | 06/1993 | Schilling | | | |
| | | 5,228,053 | 07/1993 | Miller et al. | | | |
| | | 5,228,054 | 07/1993 | Rueth et al. | | | |
| | | 5,228,058 | 07/1993 | Schilling | | | |
| | | 5,233,630 | 08/1993 | Wolf | | | |
| | | 5,235,614 | 08/1993 | Brackert et al. | | | |
| | | 5,237,586 | 08/1993 | Bottomley | | | |
| | | 5,239,685 | 08/1993 | Moe et al. | | | |
| | | 5,241,690 | 08/1993 | Larsson et al. | | | |
| | | 5,245,629 | 09/1993 | Hall | | | |
| | | 5,253,268 | 10/1993 | Omura et al. | | | |
| | | 5,253,947 | 10/1993 | Bagnoli et al. | | | |
| | | 5,257,283 | 10/1993 | Gilhousen et al. | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 5,258,940 | 11/1993 | Coker et al. | | | |
| | | 5,260,967 | 11/1993 | Schilling | | | |
| | | 5,262,974 | 11/1993 | Hausman et al. | | | |
| | | 5,263,045 | 11/1993 | Schilling | | | |
| | | 5,265,119 | 11/1993 | Gilhousen et al. | | | |
| | | 5,267,261 | 11/1993 | Blakeney, III et al. | | | |
| | | 5,267,262 | 11/1993 | Wheatley, III | | | |
| | | 5,274,474 | 12/1993 | Modina | | | |
| | | 5,274,665 | 12/1993 | Schilling | | | |
| | | 5,276,201 | 01/1994 | Meyer et al. | | | |
| | | 5,276,684 | 01/1994 | Pearson | | | |
| | | 5,276,907 | 01/1994 | Meidan | | | |
| | | 5,280,472 | 01/1994 | Gilhousen et al. | | | |
| | | 5,283,536 | 02/1994 | Wheatley, III et al. | | | |
| | | 5,287,299 | 02/1994 | Lin | | | |
| | | 5,287,463 | 02/1994 | Frame et al. | | | |
| | | 5,289,527 | 02/1994 | Tiedemann, Jr. | | | |
| | | 5,291,515 | 03/1994 | Uchida et al. | | | |
| | | 5,295,152 | 03/1994 | Gudmundson et al. | | | |
| | | 5,295,153 | 03/1994 | Gudmundson | | | |
| | | 5,297,161 | 03/1994 | Ling | | | |
| | | 5,297,162 | 03/1994 | Lee et al. | | | |
| | | 5,299,226 | 03/1994 | Schilling | | | |
| | | 5,299,228 | 03/1994 | Hall | | | |
| | | 5,305,349 | 04/1994 | Dent | | | |
| | | 5,307,405 | 04/1994 | Sih | | | |
| | | 5,309,474 | 05/1994 | Gilhousen et al. | | | |
| | | 5,311,459 | 05/1994 | D'Luna et al. | | | |
| | | 5,316,422 | 05/1994 | Coffman | | | |
| | | 5,321,724 | 06/1994 | Yamaura et al. | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 5,327,455 | 07/1994 | De Gaudenzi et al. | | | |
| | | 5,327,467 | 07/1994 | De Gaudenzi et al. | | | |
| | | 5,329,547 | 07/1994 | Ling | | | |
| | | 5,337,338 | 08/1994 | Sutton et al. | | | |
| | | 5,339,046 | 08/1994 | Kornfeld et al. | | | |
| | | 5,339,174 | 08/1994 | Harris | | | |
| | | 5,341,396 | 08/1994 | Higgins et al. | | | |
| | | 5,341,397 | 08/1994 | Gudmundson | | | |
| | | 5,341,456 | 08/1994 | DeJaco | | | |
| | | 5,343,335 | 08/1994 | Hara | | | |
| | | 5,345,467 | 09/1994 | Lomp et al. | | | |
| | | 5,345,536 | 09/1994 | Buchenhorner et al. | | | |
| | | 5,345,598 | 09/1994 | Dent | | | |
| | | 5,347,536 | 09/1994 | Meehan | | | |
| | | 5,349,606 | 09/1994 | Lovell et al. | | | |
| | | 5,351,134 | 09/1994 | Yaguchi et al. | | | |
| | | 5,351,269 | 09/1994 | Schilling | | | |
| | | 5,353,302 | 10/1994 | Bi | | | |
| | | 5,353,352 | 10/1994 | Dent et al. | | | |
| | | 5,355,453 | 10/1994 | Row et al. | | | |
| | | 5,361,276 | 11/1994 | Subramanian | | | |
| | | 5,363,377 | 11/1994 | Sharpe | | | |
| | | 5,363,403 | 11/1994 | Schilling et al. | | | |
| | | 5,365,544 | 11/1994 | Schilling | | | |
| | | 5,365,585 | 11/1994 | Puhl et al. | | | |
| | | 5,367,533 | 11/1994 | Schilling | | | |
| | | 5,373,259 | 12/1994 | Hackman et al. | | | |
| | | 5,373,502 | 12/1994 | Turban | | | |
| | | 5,377,183 | 12/1994 | Dent | | | |
| | | 5,377,223 | 12/1994 | Schilling | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 5,379,242 | 01/1995 | Rose et al. | | | |
| | | 5,383,219 | 01/1995 | Wheatley, III et al. | | | |
| | | 5,386,589 | 01/1995 | Kanai * corresponds to JP H05-244056 | | | |
| | | 5,390,207 | 02/1995 | Fenton et al. | | | |
| | | 5,392,287 | 02/1995 | Tiedemann, Jr. et al. | | | |
| | | 5,396,516 | 03/1995 | Padovani et al. | | | |
| | | 5,396,539 | 03/1995 | Slekys et al. | | | |
| | | 5,398,249 | 03/1995 | Aguilhon et al. | | | |
| | | 5,404,376 | 04/1995 | Dent | | | |
| | | 5,406,550 | 04/1995 | Edem et al. | | | |
| | | 5,406,615 | 04/1995 | Miller II, et al. | | | |
| | | 5,408,507 | 04/1995 | Price et al. | | | |
| | | 5,410,568 | 04/1995 | Schilling | | | |
| | | 5,412,686 | 05/1995 | Ling | | | |
| | | 5,414,728 | 05/1995 | Zehavi | | | |
| | | 5,414,729 | 05/1995 | Fenton | | | |
| | | 5,414,732 | 05/1995 | Kaufmann | | | |
| | | 5,414,796 | 05/1995 | Jacobs et al. | | | |
| | | 5,416,797 | 05/1995 | Gilhousen et al. | | | |
| | | 5,418,624 | 05/1995 | Ahmed | | | |
| | | 5,420,850 | 05/1995 | Umeda et al. | | | |
| | | 5,420,864 | 05/1995 | Dahlin et al. | | | |
| | | 5,420,896 | 05/1995 | Schilling | | | |
| | | 5,422,909 | 06/1995 | Schilling | | | |
| | | 5,430,724 | 07/1995 | Fall et al. | | | |
| | | 5,430,760 | 07/1995 | Dent | | | |
| | | 5,440,597 | 08/1995 | Chung et al. | | | |
| | | 5,442,625 | 08/1995 | Gitlin et al. | | | |
| | | 5,442,662 | 08/1995 | Fukasawa et al. | | | |
| | | 5,446,689 | 08/1995 | Mullen et al. | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 5,446,756 | 08/1995 | Mallinckrodt | | | |
| | | 5,448,600 | 09/1995 | Lucas | | | |
| | | 5,454,026 | 09/1995 | Tanaka | | | |
| | | 5,459,758 | 10/1995 | Moore | | | |
| | | 5,459,759 | 10/1995 | Schilling | | | |
| | | 5,461,630 | 10/1995 | Wheatley, III, et al. | | | |
| | | 5,465,089 | 11/1995 | Oberhoitzer et al. | | | |
| | | 5,483,549 | 01/1996 | Weinberg et al. | | | |
| | | 5,485,486 | 01/1996 | Gilhousen et al. | | | |
| | | 5,487,089 | 01/1996 | Misaizu et al. | | | |
| | | 5,487,180 | 01/1996 | Ohtake *corresponds to JP H7-075154 | | | |
| | | 5,488,629 | 01/1996 | Takahashi et al. | | | |
| | | 5,506,864 | 04/1996 | Schilling | | | |
| | | 5,508,708 | 04/1996 | Ghosh et al. | | | |
| | | 5,509,126 | 04/1996 | Oprescu et al. | | | |
| | | 5,519,736 | 05/1996 | Ishida | | | |
| | | 5,528,593 | 06/1996 | English et al. | | | |
| | | 5,528,624 | 06/1996 | Kaku et al. | | | |
| | | 5,535,238 | 07/1996 | Schilling et al. | | | |
| | | 5,535,278 | 07/1996 | Cahn et al. | | | |
| | | 5,541,606 | 07/1996 | Lennon | | | |
| | | 5,544,156 | 08/1996 | Teder et al. | | | |
| | | 5,544,196 | 08/1996 | Tiedemann, Jr. et al. | | | |
| | | 5,546,424 | 08/1996 | Miyake | | | |
| | | 5,548,613 | 08/1996 | Kaku et al. | | | |
| | | 5,550,811 | 08/1996 | Kaku et al. | | | |
| | | 5,559,790 | 09/1996 | Yano et al. | | | |
| | | 5,561,669 | 10/1996 | Lenney et al. | | | |
| | | 5,563,907 | 10/1996 | Lomp | | | |
| | | 5,563,912 | 10/1996 | Yasunaga et al. | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 5,568,488 | 10/1996 | Padovani et al. | | | |
| | | 5,570,349 | 10/1996 | Bustamante et al. | | | |
| | | 5,570,353 | 10/1996 | Koskitalo et al. | | | |
| | | 5,574,754 | 11/1996 | Kurihara et al. | | | |
| | | 5,574,775 | 11/1996 | Miller, II et al. | | | |
| | | 5,574,983 | 11/1996 | Douzono et al. | | | |
| | | 5,579,374 | 11/1996 | Doi et al. | | | |
| | | 5,581,547 | 12/1996 | Umeda et al. | | | |
| | | 5,590,400 | 12/1996 | Sawahashi et al. | | | |
| | | 5,594,718 | 01/1997 | Weaver, Jr. et al. | | | |
| | | 5,596,570 | 01/1997 | Soliman | | | |
| | | 5,602,833 | 02/1997 | Zehavi | | | |
| | | 5,603,096 | 02/1997 | Gilhousen et al. | | | |
| | | 5,604,730 | 02/1997 | Tiedemann, Jr. | | | |
| /Y.T./ | * | 5,610,940 | 03/1997 | Durrant et al. | | | |
| | | 5,613,228 | 03/1997 | Tuttle et al. | | | |
| | | 5,619,524 | 04/1997 | Ling et al. | | | |
| | | 5,619,526 | 04/1997 | Kim et al. | | | |
| | | 5,621,416 | 04/1997 | Lennon | | | |
| | | 5,621,723 | 04/1997 | Walton, Jr., et al. | | | |
| | | 5,627,855 | 05/1997 | Witter | | | |
| | | 5,627,855 | 05/1997 | Davidovici | | | |
| | | 5,629,955 | 05/1997 | McDonough | | | |
| | | 5,638,362 | 06/1997 | Dohi et al. | | | |
| | | 5,644,590 | 07/1997 | Sugita | | | |
| | | 5,652,765 | 07/1997 | Adachi et al. | | | |
| | | 5,654,980 | 08/1997 | Latva-aho et al. | | | |
| | | 5,657,343 | 08/1997 | Schilling | | | |
| | | 5,673,259 | 09/1997 | Quick, Jr. | | | |
| | | 5,679,266 | 09/1997 | Lomp | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 5,675,581 | 10/1997 | Soliman | | | |
| | | 5,689,502 | 11/1997 | Scott | | | |
| | | 5,689,815 | 11/1997 | Yamazaki et al. | | | |
| | | 5,691,974 | 11/1997 | Zehavi et al. | | | |
| | | 5,692,008 | 11/1997 | Van Nee | | | |
| | | 5,710,768 | 01/1998 | Ziv et al. | | | |
| | | 5,712,869 | 01/1998 | Lee et al. | | | |
| | | 5,715,536 | 02/1998 | Weaver et al. | | | |
| | | 5,722,051 | 02/1998 | Agrawal et al. | | | |
| | | 5,745,484 | 04/1998 | Scott | | | |
| | | 5,754,803 | 05/1998 | Regis | | | |
| | | 5,757,767 | 05/1998 | Zehavi | | | |
| | | 5,771,451 | 06/1998 | Takai et al. | | | |
| | | 5,781,584 | 07/1998 | Zhou et al. | | | |
| | | 5,790,591 | 08/1998 | Gold et al. | | | |
| | | 5,802,046 | 09/1998 | Scott | | | |
| | | 5,812,593 | 09/1998 | Kaku | | | |
| | | 5,812,938 | 09/1998 | Gilhousen et al. | | | |
| | | 5,822,318 | 10/1998 | Tiedemann et al. | | | |
| | | 5,828,662 | 10/1998 | Jalali et al. | | | |
| | | 5,841,768 | 11/1998 | Ozluturk et al. | | | |
| | | 5,844,935 | 12/1998 | Shoji | | | |
| | | 5,870,378 | 02/1999 | Huang et al. | | | |
| | | 5,872,810 | 02/1999 | Philips et al. | | | |
| | | 5,875,400 | 02/1999 | Madhavapeddy et al. | | | |
| | | 5,878,029 | 03/1999 | Mallinckrodt | | | |
| | | 5,878,350 | 03/1999 | Nakamura et al. | | | |
| | | 5,881,056 | 03/1999 | Huang et al. | | | |
| | | 5,881,368 | 03/1999 | Grob et al. | | | |
| | | 5,884,187 | 03/1999 | Ziv et al. | | | |

| EXAMINER | DATE CONSIDERED |
|---|---|
| /Young Tse/ | 09/02/2008 |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | ~~5,884,186~~ | ~~03/1999~~ | ~~Lokven et al.~~ | | | |
| | | ~~5,896,368~~ | ~~04/1999~~ | ~~Dahlman et al.~~ | | | |
| | | ~~5,898,665~~ | ~~04/1999~~ | ~~Sawabashi et al.~~ | | | |
| | | ~~5,926,501~~ | ~~07/1999~~ | ~~Souissi et al.~~ | | | |
| /Y.T./ | * | 5,933,781 | 08/1999 | Willenegger et al. | | | |
| | | ~~5,940,382~~ | ~~08/1999~~ | ~~Haim~~ | | | |
| | | ~~5,940,771~~ | ~~08/1999~~ | ~~Gollnick et al.~~ | | | |
| | | ~~5,943,361~~ | ~~08/1999~~ | ~~Gilhousen et al.~~ | | | |
| | | ~~5,953,346~~ | ~~09/1999~~ | ~~Luddy~~ | | | |
| | | ~~5,959,980~~ | ~~09/1999~~ | ~~Scott~~ | | | |
| | | ~~5,959,980~~ | ~~09/1999~~ | ~~Scott~~ | | | |
| | | ~~5,966,400~~ | ~~10/1999~~ | ~~Pon~~ | | | |
| | | ~~6,018,528~~ | ~~01/2000~~ | ~~Gitlin et al.~~ | | | |
| | | ~~6,021,123~~ | ~~02/2000~~ | ~~Mimura~~ | | | |
| | | ~~6,038,577~~ | ~~03/2000~~ | ~~Burshtein~~ | | | |
| | | ~~6,072,787~~ | ~~06/2000~~ | ~~Hamalainen et al.~~ | | | |
| | | ~~6,088,335~~ | ~~07/2000~~ | ~~Le et al.~~ | | | |
| | | ~~6,104,748~~ | ~~08/2000~~ | ~~Kaku~~ | | | |
| | | ~~6,108,537~~ | ~~08/2000~~ | ~~Comer et al.~~ | | | |
| | | ~~6,122,292~~ | ~~09/2000~~ | ~~Watanabe et al.~~ | | | |
| | | ~~6,141,374~~ | ~~10/2000~~ | ~~Burns~~ | | | |
| | | ~~6,181,949~~ | ~~01/2001~~ | ~~Ozluturk et al.~~ | | | |
| | | ~~6,212,399~~ | ~~04/2001~~ | ~~Kumar et al.~~ | | | |
| | | ~~6,226,316~~ | ~~05/2001~~ | ~~Schilling et al.~~ | | | |
| | | ~~6,252,866~~ | ~~06/2001~~ | ~~Haim~~ | | | |
| | | ~~6,286,040~~ | ~~09/2001~~ | ~~Durham~~ | | | |
| | | ~~6,289,040~~ | ~~09/2001~~ | ~~Molev-Shteiman~~ | | | |
| | | ~~6,292,519~~ | ~~09/2001~~ | ~~Popovic~~ | | | |
| | | ~~6,335,924~~ | ~~01/2002~~ | ~~Yano et al.~~ | | | |
| | | ~~6,347,083~~ | ~~02/2002~~ | ~~Nishino~~ | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| /Y.T./ | * | 6,356,555 | 03/2002 | Rakib et al. | | | |
| | | 6,393,049 | 05/2002 | Davidovici et al. | | | |
| | | 6,396,867 | 05/2002 | Tiedemann, Jr. et al. | | | |
| | | 6,396,897 | 05/2002 | Tiedemann et al. | | | |
| | | 6,405,272 | 06/2002 | Regis | | | |
| | | 6,434,124 | 08/2002 | Rego | | | |
| | | 6,463,295 | 10/2002 | Yun | | | |
| | | 6,487,190 | 11/2002 | Regis | | | |
| | | 6,490,462 | 12/2002 | Ozluturk et al. | | | |
| | | 6,493,563 | 12/2002 | Ozluturk et al. | | | |
| | | 6,507,745 | 01/2003 | Ozluturk et al. | | | |
| | | 6,510,148 | 01/2003 | Honkasalo | | | |
| | | 6,519,277 | 02/2003 | Eidson | | | |
| | | 6,519,461 | 02/2003 | Andersson et al. | | | |
| | | 6,549,565 | 04/2003 | Buehrer et al. | | | |
| | | 6,571,105 | 05/2003 | Ozluturk et al. | | | |
| | | 6,577,876 | 06/2003 | Ozluturk et al. | | | |
| | | 6,587,447 | 07/2003 | Wang et al. | | | |
| | | 6,590,883 | 07/2003 | Kitade et al. | | | |
| | | 6,590,889 | 07/2003 | Preuss et al. | | | |
| | | 6,606,503 | 08/2003 | Ozluturk et al. | | | |
| | | 6,608,825 | 08/2003 | Luddy | | | |
| | | 6,654,613 | 11/2003 | Maong et al. | | | |
| | | 6,671,266 | 12/2003 | Moon et al. | | | |
| | | 6,708,041 | 03/2004 | Butovitsch et al. | | | |
| | | 6,760,821 | 07/2004 | Shamsunder | | | |
| | | 6,763,244 | 07/2004 | Chen et al. | | | |
| | | 6,778,551 | 08/2004 | Magnus et al. | | | |
| | | 6,778,840 | 08/2004 | Ozluturk et al. | | | |
| | | 6,839,567 | 01/2005 | Ozluturk et al. | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 6,847,821 | 01/2005 | Lewis et al | | | |
| | | 6,853,675 | 02/2005 | Oleynik | | | |
| | | 6,865,168 | 03/2005 | Sekine | | | |
| | | 6,879,841 | 04/2005 | Ozluturk et al | | | |
| | | 6,904,294 | 06/2005 | Ozluturk et al | | | |
| | | 7,117,004 | 10/2006 | Ozluturk et al | | | |
| | | 7,190,966 | 03/2007 | Ozluturk et al | | | |
| | | 5,566,1651 | 10/1996 | Sawahashi et al | | | |
| | | 20020101832 | 08/2002 | Chen et al | | | |
| | | 20030190925 | 10/2003 | Ozluturk et al | | | |
| | | 20040005020 | 01/2004 | Dent | | | |
| | | 20050249165 | 11/2005 | Ozluturk et al | | | |
| | | 20050254478 | 11/2005 | Ozluturk et al | | | |
| | | 20060088134 | 04/2006 | Gilhousen et al | | | |
| | | 20060098759 | 05/2006 | Tiedemann, Jr. et al | | | |
| | | 20070002934 | 01/2007 | Schilling | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES | TRANSLATION NO |
|---|---|---|---|---|---|---|---|---|
| /Y.T./ | | 3743731 | 07/1989 | DE | | | X** | |
| /Y.T./ | | 3743732 | 07/1989 | DE | | | X** | |
| | | 0022170 | 01/1981 | EP | | | | |
| | | 0372350 | 06/1990 | EP | | | | |
| | | 0462572 | 12/1991 | EP | | | | |
| | | 0464839 | 01/1992 | EP | | | | |
| | | 0476215 | 03/1992 | EP | | | | |
| | | 0505341 | 09/1992 | EP | | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES | TRANSLATION NO |
|---|---|---|---|---|---|---|---|---|
| | | 0515935 | 06/1992 | EP | | | | |
| | | 0525860 | 02/1993 | EP | | | | |
| | | 0526106 | 02/1993 | EP | | | | |
| | | 0565507 | 10/1993 | EP | | | | |
| | | 0615395 | 09/1994 | EP | | | | |
| | | 0631397 | 12/1994 | EP | | | | |
| | | 0637170 | 02/1995 | EP | | | | |
| | | 0654913 | 05/1995 | EP | | | | |
| | | 0656716 | 06/1995 | EP | | | | |
| | | 0668662 | 08/1995 | EP | | | | |
| | | 0682423 | 11/1995 | EP | | | | |
| | | 0744876 | 11/1996 | EP | | | | |
| | | 2280575 | 02/1995 | GB | | | | |
| | | 2301746 | 12/1996 | GB | | | | |
| | | H06-343088 | 12/1994 | JP | | | | |
| /Y.T./ | | H05-300077 | 11/1993 | JP | | | X** | |
| | | H02-287874 | 11/1990 | JP | | | | |
| | | H04-287593 | 10/1992 | JP | | | | |
| /Y.T./ | | H06-276176 | 09/1994 | JP | | | X** | |
| | | H07-273600 | 10/1995 | JP | | | | |
| | | S62-256516 | 11/1987 | JP | | | | |
| | | H02-256331 | 10/1990 | JP | | | | |
| | | H04-222111 | 08/1992 | JP | | | | |
| | | S63-198423 | 08/1988 | JP | | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES | TRANSLATION NO |
|---|---|---|---|---|---|---|---|---|
| ~~/Y.T./~~ | | ~~H05-144128~~ | ~~06/1993~~ | ~~JP~~ | | | | |
| /Y.T./ | * | H05-129969 | 05/1993 | JP | | | X** | |
| ~~/Y.T./~~ | | ~~H01-124730~~ | ~~08/1989~~ | ~~JP~~ | | | | |
| /Y.T./ | * | H06-120865 | 04/1994 | JP | | | X** | |
| /Y.T./ | | H07-107007 | 04/1995 | JP | | | X** | |
| ~~/Y.T./~~ | | ~~H06-104089~~ | ~~04/1994~~ | ~~JP~~ | | | | |
| ~~/Y.T./~~ | | ~~H06-104694~~ | ~~04/1994~~ | ~~JP~~ | | | | |
| ~~/Y.T./~~ | | ~~H05-083381~~ | ~~04/1993~~ | ~~JP~~ | | | | |
| /Y.T./ | | H07-079477 | 03/1995 | JP | | | X** | |
| ~~/Y.T./~~ | | ~~H07-050665~~ | ~~02/1995~~ | ~~JP~~ | | | | |
| /Y.T./ | | H07-050631 | 02/1995 | JP | | | X** | |
| /Y.T./ | | H07-046180 | 02/1995 | JP | | | X** | |
| ~~/Y.T./~~ | | ~~H03-040535~~ | ~~02/1991~~ | ~~JP~~ | | | | |
| /Y.T./ | | H05-022285 | 1/1993 | JP | | | X** | |
| ~~/Y.T./~~ | | ~~H06-006374~~ | ~~01/1994~~ | ~~JP~~ | | | | |
| /Y.T./ | | H05-244056 | 09/1993 | JP * corresponds to US 5,386,589 | | | X | |
| /Y.T./ | | H07-095151 | 04/1995 | JP *corresponds to US 5,487,180 | | | X | |
| ~~/Y.T./~~ | | ~~9200839~~ | ~~01/1992~~ | ~~WO~~ | | | | |
| ~~/Y.T./~~ | | ~~9221196~~ | ~~11/1992~~ | ~~WO~~ | | | | |
| ~~/Y.T./~~ | | ~~9307702~~ | ~~04/1993~~ | ~~WO~~ | | | | |
| ~~/Y.T./~~ | | ~~9309626~~ | ~~05/1993~~ | ~~WO~~ | | | | |
| ~~/Y.T./~~ | | ~~9314588~~ | ~~07/1993~~ | ~~WO~~ | | | | |
| ~~/Y.T./~~ | | ~~9416513~~ | ~~07/1994~~ | ~~WO~~ | | | | |
| ~~/Y.T./~~ | | ~~9428648~~ | ~~12/1994~~ | ~~WO~~ | | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES | TRANSLATION NO |
|---|---|---|---|---|---|---|---|---|
| | | ~~9508652~~ | ~~02/1995~~ | ~~WO~~ | | | | |
| | | ~~9507578~~ | ~~03/1995~~ | ~~WO~~ | | | | |
| | | ~~9508876~~ | ~~03/1995~~ | ~~WO~~ | | | | |
| | | ~~9512257~~ | ~~05/1995~~ | ~~WO~~ | | | | |
| | | ~~9515038~~ | ~~06/1995~~ | ~~WO~~ | | | | |
| | | ~~9702665~~ | ~~01/1997~~ | ~~WO~~ | | | | |
| | | ~~9702675~~ | ~~01/1997~~ | ~~WO~~ | | | | |
| | | ~~9707600~~ | ~~02/1997~~ | ~~WO~~ | | | | |
| /Y.T./ | | 9013942 | 11/1990 | WO *equivalent to US 5,027,306 | | | X | |

OTHER DOCUMENTS

| EXAMINER INITIAL | | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.) |
|---|---|---|
| | | "Public Version Of Respondents Samsung Electronics America, Inc.'s and Samsung ~~Telecommunications America LLC's Response to the Complaint and Notice of Investigation," *In the Matter of Certain 3G Wideband Code Division Multiple Access (WCDMA) Handsets And Components Thereof*,~~ (United States International Trade Commission), (Investigation No. 337-TA-601), (May 31, 2007). |
| | | ALAVI, Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio ~~System, (1984) (unpublished Ph.D. thesis – Michigan State University Department of Electrical~~ Engineering and Systems Science) (on file with the Michigan State University Libraries). |
| | | ~~ANDERMO ET AL., "A CDMA-Based Radio Access Design For UMTS," IEEE Personal Communications~~, pp. 48 - 53, (February 1995). |
| | | ~~ANDERMO ET AL., "Code-Division Testbed, CODIT," Record, ICUPC'93 Conference, pp. 397 - 401, (IEEE~~ 1993). |
| | | ~~ANDERMO ET AL., "CODIT, a Testbed Project Evaluating DS-CDMA for UMTS/FPLMTS," pp. 21 - 25, IEEE~~ (1994). |
| | | ~~ANDERMO, "CODIT Final Review Report," R2020/ERA/PM/DS/P/050/b1, Issue 2.0, UMTS Code Division~~ Testbed (CODIT), (November 21, 1995). |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

** English Abstract only.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.) |
|---|---|---|
| | | ASSOCIATION OF RADIO INDUSTRIES AND BUSINESSES (ARIB), Specifications of Air-Interface for 3G Mobile System, Volume 3, ver. 1.0, (January 14, 1999) |
| | | AZAD ET AL.," Multirate Spread Spectrum Direct Sequence CDMA Techniques", IEEE Colloquium on Spread-Spectrum Techniques for Radio Communication Systems, Digest No. 1994/098, pp. 4/1-4/5, (IEEE, 1994). |
| | | BAIER ET AL., "Design Study for A CDMA Based Third Generation Mobile Radio System," IEEE Journal on Selected Areas In Communications, vol. 12, no. 4, pp. 733 – 743, (May 1994). |
| | | BERNASONI, "Receiver Architectures for the Down Link in a DS-CDMA Mobile System," pp. 51-55 (IEEE, September 1994). |
| | | BLAHUT, Theory And Practice of Error Control Codes, (Addison Wesley Publishing Company, 1983). |
| | | BLASBALG, "A Comparison of Pseudo-Noise and Conventional Modulation For Multiple Access Satellite Communications," IBM Journal, pp. 241 – 255, (July 1965). |
| | | BRAUN ET AL., "An All-Digital Receiver for Satellite Audio Broadcasting Signals Using Trellis Coded Quasi-Orthogonal Code-Division Multiplexing," European Transactions on Telecommunications and Related Technologies, vol. 4, no. 1, pp. 23-32, (February 1993). |
| | | CAMERON ET AL., "An Analysis of CDMA With Imperfect Power Control," 1993 43rd IEEE Vehicular Technology Conference, (Seacaucus, NJ, May 18-20, 1993), pp. 977 – 979, (IEEE 1992). |
| | | CHUANG ET AL. "Uplink Power Control for TDMA Portable Radio Channels," IEEE Transactions on Vehicular Technology, vol. 43, no. 1, pp. 33-39, (February 1994). |
| | | COSMAS ET AL. "Overview of the Mobile Communications Programme of RACE II," Electronics and Communication Engineering Journal, pp. 155 – 167,(August 1995). |
| | | D'AVELLA ET AL., "Power Control in CDMA Systems: Performance Evaluation and System Design Implications," Universal Personal Communications, 1994, Record, 1994 Third Annual International Conference On, , pp. 73-77 (September 27 - October 1, 1994). |
| | | DIXON, Spread Spectrum Systems With Commercial Applications, Third Edition, pp. 412 – 415, (John Wiley & Sons, Inc. 1994). |
| | | ESMAILZADEH ET AL., "Power Control in Packet Switched Time Division Duplex Direct Sequence Spread Spectrum Communications," Vehicular Technology Conference, 1992 IEEE 42nd, Vol. 2, pp. 989-992, (10-13 May 1992). |
| | | ETSI TC-RES, European Telecommunication Standard ETS 300 444, "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Generic Access Profile (GAP)," (European Telecommunication Standards Institute, December 1995). |
| | | ETSI TC-RES, European Telecommunication Standard prETS 300 444, "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT) Generic Access Profile (GAP)," (European Telecommunication Standards Institute, February 1995). |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.) |
|---|---|---|
| | | ETSI TC-RES, Interim European Telecommunication Standard (I-ETS) 300 131, "Radio Equipment and Systems (RES); Common Air Interface Specification to be used for the interworking between cordless telephone apparatus in the frequency band 864,1 MHz to 868,1 MHz, including public services," (European Telecommunication Standards Institute, April 1992). |
| | | FLUHR ET AL. "Advanced Mobile Phone Service: Control Architecture," The Bell System Technical Journal, vol. 58, no. 1, pp. 43 – 69, (American Telephone And Telegraph Company January 1979). |
| | | GIANNETTI ET AL., "Design of an All Digital Receiver for Narrowband Continuous Phase Asynchronous CDMA Systems," vol. 3, pp. 468-472 (IEEE, May 1993). |
| | | HAGMANNS ET AL., "Code Division Multiple Access (CDMA): das natürliche Zugriffesverfahren für den zellularen Mobilfunk (Code Division Multiple Access (CDMA): The Natural Access Procedure for Cellular Mobile Radio Systems)," 8273 ANT Nachrichtentechnische Berichte, No. 10, pp. 64-71, (1993 August, Backnang, DE). Translation of paper provided, pp. 1 – 17. |
| | | HINDERLING ET AL., "CDMA Mobile Station Modem ASIC," IEEE Journal Of Solid State Circuits, vol. 28, no. 3, pp. 253 – 260, (March 1993). |
| | | HOLTZMAN, "A Simple, Accurate Method To Calculate Spread-Spectrum Multiple-Access Error Probabilities," IEEE Transactions On Communications, vol. 40, no. 3, pp. 461 – 464, (IEEE, March 1992). |
| | | I ET AL., "Multi-Code CDMA Wireless Personal Communications Networks," pp. 1060-1064, (IEEE, 1995). |
| | | I ET AL., "Performance of Multi-Code CDMA Wireless Personal Communications Networks", pp. 907-911, (IEEE, 1995). |
| | | I ET AL. "Variable Spreading Gain CDMA with Adaptive Control for True Packet Switching Wireless Network", pp. 725-730, (IEEE, 1995). |
| | | INTERDIGITAL / SIEMENS, "Functional Interface Specification (FIS) for Radio in the Local Loop based on B-CDMA, CDMA*link* version 1," Issue 1.0 (Siemens AG June 23, 1995). |
| | | INTERNATIONAL DICTIONARY OF PHYSICS AND ELECTRONICS, SECOND EDITION, pp. 612 and 952, (D. Van Nostrand Company, Inc., 1956, 1961). |
| | | KOHNO ET AL., "Spread-Spectrum Access Methods for Wireless Communications," IEEE Communications, vol. 33, no. 1, pp. 58 - 67, (IEEE, January 1995). |
| | | KOMO ET AL., "Implementation Consideration Of Code Division Multiple Access Sequences," 23RD Southeastern Symposium On System Theory, pp. 11-15, (12 March 1991). |
| | | KRZYMIEN ET AL., "Rapid Acquisition Algorithms for Synchronization of Bursty Transmissions in CDMA Microcellular and Personal Wireless Systems", IEEE Journal on Selected Areas in Communications, Vol. 14, No. 3, pp. 570-579, (April 1996). |
| | | LEE, "Overview of Cellular CDMA," IEEE Transactions on Vehicular Technology, vol. 40, no. 2, pp. 291 – 302, (May 1991). |

| EXAMINER | DATE CONSIDERED |
|---|---|
| /Young Tse/ | 09/02/2008 |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.) |
|---|---|---|
| | | LIU ET AL., "SIR-Based Call Admission Control for DS-CDMA Cellular Systems," IEEE Journal on Selected Areas in Communications, vol. 12, no. 14, pp. 638-644 (May 1994). |
| | | McDONALD, Fundamentals of Digital Switching, (Plenum Press, 1983). |
| | | MCELIECE, R. J. "Correlation Properties of Sets of Sequences Derived From Irreducible Cyclic Codes," Information and Control 45, pp. 18-25 (1980). |
| | | McFARLANE ET AL., "Validation of Advanced CDMA Concepts for UMTS and FPLMTS," pp. 36 – 40, (IEEE 1994). |
| | | McFARLANE, "UMTS Revisited," (IEE, London, UK 1994). |
| | | NETTLETON, Spectral Efficiency in Cellular Land-Mobile Communications: A Spread Spectrum Approach, (1978) (unpublished Ph.D. thesis, Purdue University) (on file with UMI Dissertation Information Service). |
| | | ORMONDROYD, "Power Control for Spread Spectrum Systems," Conference on Communications Equipment and Systems, pp. 109-115, (Apr. 20-22, 1982). |
| | | PAHLAVAN ET AL., "Performance of Adaptive Matched Filter Receivers Over Fading Multipath Channels," IEEE Transactions on Communications, vol. 38, no. 12, pp. 2106-2113, (December 1990). |
| | | PURSLEY, "Performance Evaluation for Phase-Coded Spread-Spectrum Multiple-Access Communication – Part 1: System Analysis," IEEE Transactions on Communications, vol. COM-25, no. 8, pp. 795 – 799, (August 1977). |
| | | QUALCOMM, "Proposed EIA/TIA Interim Standard: Wideband Spread Spectrum Digital Cellular System Dual-Mode Mobile Station – Base Station Compatibility Standard," TR45.5, (April 21, 1992). |
| | | RICK ET AL., "Noncoherent Parallel Acquisition in CDMA Spread Spectrum Systems," IEEE, pp. 1422 - 1426, (May 1994). |
| | | SALMASI ET AL., "On The System Design Aspects Of Code Division Multiple Access (CDMA) Applied to Digital Cellular And Personal Communications Networks," Vehicular Technology Conference, 1991 'Gateway to the Future Technology in Motion', 41st IEEE, pp. 57 – 62, (May 19-22, 1991). |
| | | SCHILLING, "Broadband CDMA: *ONEPHONE* for A Wireless Twenty First Century," ICPWC'94, pp. 1 – 5, (IEEE 1994). |
| | | SCHOLTZ, "The Origins Of Spread Spectrum Communications," IEEE Transactions On Communications, vol. COM-30, no. 5, pp. 822 – 854, (May 1982). |
| | | SIEMENS AG, "CDMA / link System Description," ver. 3.00 (March 10, 1995). |
| | | SIMON ET AL., Spread Spectrum Communications Handbook, Revised Edition pp. 262- 396, (McGraw Hill New York, 1994). |
| | | SIMPSON ET AL., "CDMA Power Control, Interleaving, and Coding," 41st IEEE Vehicular Technology Conference, (St. Louis, MO, May 19-22, 1991) pp. 362 – 367, (IEEE 1991). |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.) |
|---|---|---|
| | | SIMPSON ET AL., "Direct Sequence CDMA Power Control, Interleaving and Coding," IEEE Journal on Selected Areas In Communications, vol. 11, no. 7, pp. 1085 – 1095, (September 1993). |
| | | SOLIMAN ET AL., "CDMA Reverse Link Open Loop Power Control," Globecom '92 IEEE Global Telecommunications Conference (Orlando, FL, December 6 – 9, 1992) pp. 69 – 73, (IEEE 1992). |
| | | TACHIKAWA ET AL., "Nonlinear Code Sequence for Rapid Acquisition – Ref. 3", Study Report of the Spread Spectrum Communication System Study Group, The Institute of Electrical, Information, Electronics and Communications Engineers of Japan (IEIEC), (March 25, 1987). Translation provided. |
| | | TELECOMMUNICATIONS INDUSTRY ASSOCIATION, TIA/EIA/IS-95-A (Revision of TIA/EIA/IS-95), "TIA/EIA Interim Standard: Mobile Station – Base Station Compatibility Standard For Dual-Mode Wideband Spread Spectrum Cellular System," (May 1995). |
| | | TIA/EIA/IS-95, "Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System", TIA/EIA Interim Standard, pp. 7-12, 7-14, and 7-15, (Telecommunications Industry Association, July 1993). |
| | | TIA/EIA/IS-95-A, "Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System", TIA/EIA Interim Standard, (Telecommunications Industry Association, May 1995). |
| | | TIEDEMANN ET AL., " The Design and Development of A Code Division Multiple Access (CDMA) System for Cellular And Personal Communications," IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, (London, UK, September 23-25, 1991) pp. 131 – 136, (IEEE 1991). |
| | | VAN NIELEN, "UMTS: A Third Generation Mobile System," PIMRC '92, (Boston, MA, October 19 – 21, 1992) pp. 17 – 21, (1992). |
| | | ZAGAMI ET AL., "Providing Universal Location Services Using A Wireless E911 Location Network," IEEE Communications Magazine, pp. 66 – 71, (April 1998). |
| | | ZIEMER ET AL., Digital Communications And Spread Spectrum Systems, pp. 492 – 94 (Collier Macmillan 1985). |
| | | ZIMMERMAN ET AL., "CDMA und ATM-zwei Technologien, ein Zeil, (CDMA and ATM – Ideal Partners)," 2323 Telecom Report Siemens, vol. 18, no. 2, pp. 60-63, (1995 Maerz/April, München, DE) , from http://www.siemens.de/telcom/artikel/0295/295zimm.htm Translation provided in: Siemens Telcom Report International from http://www.siemens.de/telcom/articles/e0395/395zimm.htm |

RELATED U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | RE38,523 | 06/2004 | Ozluturk | | | |
| | | 5,748,687 | 05/1998 | Ozluturk | | | |
| | | 5,796,776 | 08/1998 | Lomp et al. | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 5,700,010 | 08/1998 | Lomp et al. | | | |
| | | 5,812,010 | 06/1999 | Lomp et al. | | | |
| | | 5,991,329 | 11/1999 | Lomp et al. | | | |
| | | 5,991,332 | 11/1999 | Lomp et al. | | | |
| | | 6,049,535 | 04/2000 | Ozluturk et al. | | | |
| | | 6,157,619 | 12/2000 | Ozluturk et al. | | | |
| | | 6,212,174 | 04/2001 | Lomp et al. | | | |
| | | 6,215,778 | 04/2001 | Lomp et al. | | | |
| | | 6,229,843 | 05/2001 | Lomp et al. | | | |
| | | 6,272,168 | 08/2001 | Lomp et al. | | | |
| | | 6,381,264 | 04/2002 | Lomp et al. | | | |
| | | 6,456,608 | 09/2002 | Lomp | | | |
| | | 6,633,600 | 10/2003 | Lomp et al. | | | |
| | | 6,674,788 | 01/2004 | Lomp et al. | | | |
| | | 6,674,791 | 01/2004 | Lomp et al. | | | |
| | | 6,697,350 | 02/2004 | Lomp | | | |
| | | 6,707,805 | 03/2004 | Ozluturk et al. | | | |
| | | 6,721,301 | 04/2004 | Ozluturk et al. | | | |
| | | 6,744,800 | 06/2004 | Lomp et al. | | | |
| | | 6,788,662 | 09/2004 | Ozluturk et al. | | | |
| | | 6,801,516 | 10/2004 | Lomp et al. | | | |
| | | 6,816,473 | 11/2004 | Ozluturk et al. | | | |
| | | 6,831,905 | 12/2004 | Lomp et al. | | | |
| | | 6,873,645 | 03/2005 | Lomp et al. | | | |
| | | 6,885,652 | 04/2005 | Ozluturk et al. | | | |
| | | 6,940,840 | 09/2005 | Ozluturk et al. | | | |
| | | 6,983,000 | 01/2006 | Lomp | | | |
| | | 6,985,467 | 01/2006 | Lomp et al. | | | |
| | | 7,020,111 | 03/2006 | Ozluturk et al. | | | |
| | | 7,072,380 | 07/2006 | Ozluturk et al. | | | |
| | | 7,123,600 | 10/2006 | Ozluturk et al. | | | |
| | | 20020051434 | 05/2002 | Ozluturk et al. | | | |

| EXAMINER<br>/Young Tse/ | DATE CONSIDERED<br>09/02/2008 |
|---|---|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0092.5US | SERIAL NO.<br>10/680,943 |
|---|---|---|
| | APPLICANT<br>Lomp et al. | |
| | FILING DATE<br>October 8, 2003 | GROUP<br>2611 |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | ~~20020057650~~ | ~~05/2002~~ | ~~Ozluturk et al~~ | | | |
| | | ~~20020118653~~ | ~~08/2002~~ | ~~Lomp et al~~ | | | |
| | | ~~20040071198~~ | ~~04/2004~~ | ~~Lomp et al~~ | | | |
| | | ~~20040165654~~ | ~~08/2004~~ | ~~Lomp et al~~ | | | |
| | | ~~20040252668~~ | ~~12/2004~~ | ~~Ozluturk et al~~ | | | |
| | | ~~20050094604~~ | ~~05/2005~~ | ~~Ozluturk et al~~ | | | |
| | | ~~20050243807~~ | ~~11/2005~~ | ~~Lomp et al~~ | | | |
| | | ~~20050265430~~ | ~~12/2005~~ | ~~Ozluturk et al~~ | | | |

[1] US 5,566,165 is equivalent to CN 1126930A.

| EXAMINER | DATE CONSIDERED |
|---|---|
| /Young Tse/ | 09/02/2008 |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.